15-57-5-6516

Referativnyy zhurnal, Geologiya, 1957, Nr 5, Translation from:

p 114 (USSR)

AUTHOR:

Kunayev, D. S.

TITLE:

Banding in the Ores of the Achisay Deposit (0

poloschatosti v rudakh Achisayskogo mestorozhdeniya)

PERIODICAL:

Izv. AN KazSSR, ser. geol. 1956, Nr 23, pp 146-154

ABSTRACT:

Banded and tubular ore bodies in the Achisay deposit were formed by intensive metasomatic replacement of the host rocks, thin-platy dolomites and thin-bedded limestones, in a system of transecting and interbedded fractures. Banding in the sulfide ores forms numerous alternating bands of pyrite, sphalerite, and galena.

These minerals are listed in the order of their

crystallization. In some cases the banding is parallel to the contact of the ore body (parallel banding);

in others it trends against the contact (transverse

Card 1/3

15-57-5-6516

Banding in the Ores (Cont.)

banding). Careful observations have shown that the parallel banding is characteristic of ores that formed in zones where the rocks were broken by an entire system of numerous closely spaced, mutually parallel shearing fractures. These fractures directed the solutions Such a system of fractures is and facilitated ore metasomatism. absent near the ore bodies with transverse banding. In these zones the orientation of the banding was undoubtedly produced by differences in structure and composition of the host rocks, which were replaced by the ore minerals along transecting fractures. A study of fracture tectonics has shown that both the interlayer and transecting steeply dipping systems of fractures in the rocks were formed synchronously. The ore deposits along them were also probably formed simultaneously. The precipitation of ore minerals apparently occurred because of disturbance in the equilibrium state of the solution at the boundary between the two media (dolomite -- ore solution). This is indicated by the concentrations of bands of pyrite, sphalerite, and galena around residual plates of dolomite in the veins. The numerous alternations of such bands are explained by the Card 2/3

15-57-5-6516

Banding in the Ores (Cont.)

author as the results of pulsating invasions of the ore solutions. The author objects to the view that the banding of the Achisay ore is due to dynamometamorphism.

A. B. B.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000927520009-7"

15-1957-10-14035

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10,

p 102 (USSR)

AUTHOR:

Kunayev, D. S.

TITLE:

Calcite Concretions With Sulfide Minerals at the Achisay Deposit (O kal'tsitovykh mindalinakh s sul'fidnoy miner-

alizatsiyey na mestorozhđenii Achisay)

PERIODICAL:

Izv. AN KazSSR, ser, geol., 1956, Mr. 25, pp 113-120

(Summary in Kazakh)

ABSTRACT:

At the Achisay deposit massive-banded dense ores of galena, sphalerite, and pyrite are distributed in crosscutting and interstratal fractures in beds of limestone and primary dolomitized limestone. Abundant calcite concretions form aureoles around the ore deposits. The concretions are generally the size of a walnut but occasionally reach sizes of 10 by 5 cm. They are elipsoidal, with the long axis parallel to the primary bedding. Most commonly they contain crystals of pale green sphalerite; less frequently galena and pyrite occur.

Card 1/2

The ore bodies are accompanied by systems of calcite

te Concretions With Sulfide Minerals at the Achisay Deposit

veins, which carry sporadic disseminations of sulfides. The formation of these veins presumably preceded the principal stage of ore mineralization. The concretions, which were formed later, bear clear evidence of selective recrystallization. The formation of the concretions was presumably associated with the penetration of solutions along capillaries in the dolomite host rocks. MgO was introduced and CaCO₃ was recrystallized into coarsely crystalline calcite.

Card 2/2

O. V. Karpova

KUNAYEY, D.S.

SATPAYRV, K.I.; BORUKAYRV, R.A.; AKHMEDSAFIN, U.M.; BOK, I.I.; KUSHEV, G.L.;

SHRGIYEV, N.G.; SHLYGIN, YO.D.; SHCHKRBA, G.N.; MONICH, V.K.;

LOMONOVICH, I.I.; LAVROV, V.V.; MEDOYEV, G.TS.; NOVOKHATSKIY, I.P.;

BARBOT-DR-MARNI, A.V.; GALITSKIY, V.V.; KOLOTILIN, N.F.; ZHILINSKIY,

G.B.; KAYUPOV, A.K.; KAZANLI, D.N.; SATPAYEVA, T.A.; ABDULKABIROVA,

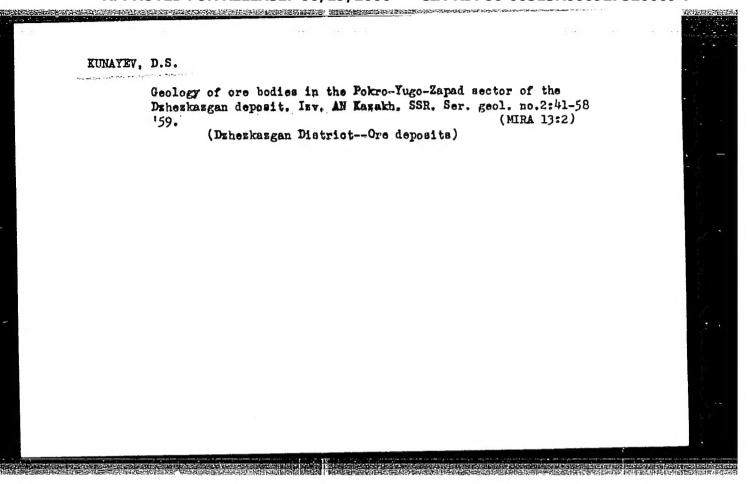
M.A.; GAZIZOVA, K.S.; VEYTS, B.I.; KHAYRUTDINOV, D.Kh.; MUKHAMEDZHANOV,

S.M.; CHOLPANKULOV, T.Gh.; PARSHIN, A.V.; TAZHIBAYEVA, P.T.; YANULOVA,

M.X.; BYKOVA, M.S.; VOLKOV, A.N.; BOLGOV, G.N.; MITRYAYEVA, N.M.;

CHÔKABAYEV, S.YO.; KUNAYEV, D.S.; YARENSKAYA, M.A.; REBROVA, T.I.

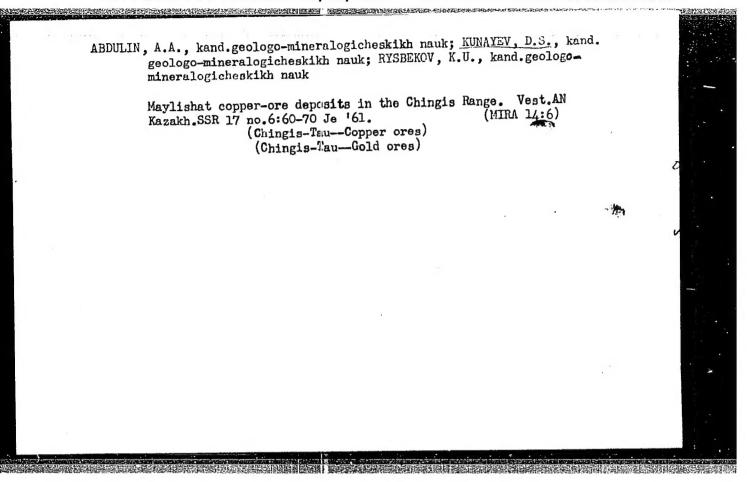
Tireless explorer of the depths of the earth's crust; on the 65th birthday and 40th anniversary of the scientific engineering activities of Academician M.P. Rusakov. Vest. AN Kazakh. SSR 13 no.12:96-97 D '57. (MIRA 11:1) (Rusakov. Mikhail Petrovich, 1892-)



KUNAYEV, Dzhavdat Sabirovich; IL'YASHENKO, L.V., red.; SAVICH, M.P., otv. za vypusk; NAGIBIN, P.A., tekhn.red.

[Dzhezkazgan - copper city] Dzhezkazgan - gorod medi. Alma-Ata, Lazakhskoe gos.izd-vo, 1960. 88 p. (MIRA 14:7)

(Dzhezkazgan District-Copper ores)

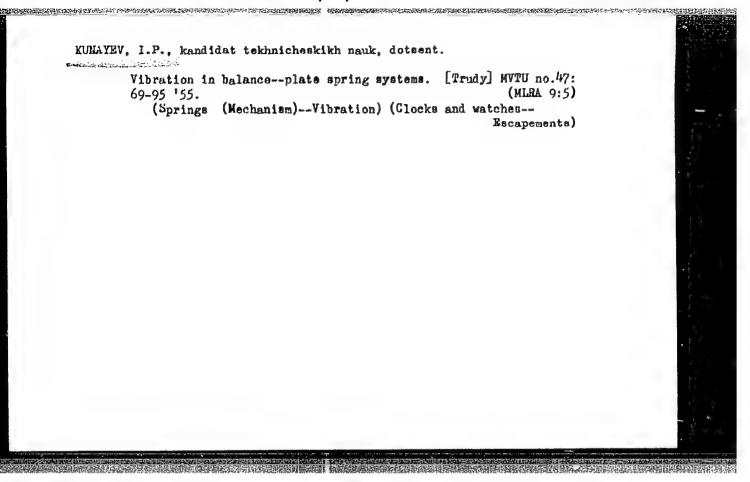


KAYUPOV, A.K.; KIM, V.A.; KUNAYEV, D.S.

Genesis of quartzites in the Maybulak ore-bearing region.

Izv. AN Kazakh. SSR Ser.geol. no.2:97-105 '62. (MIRA 15:6)

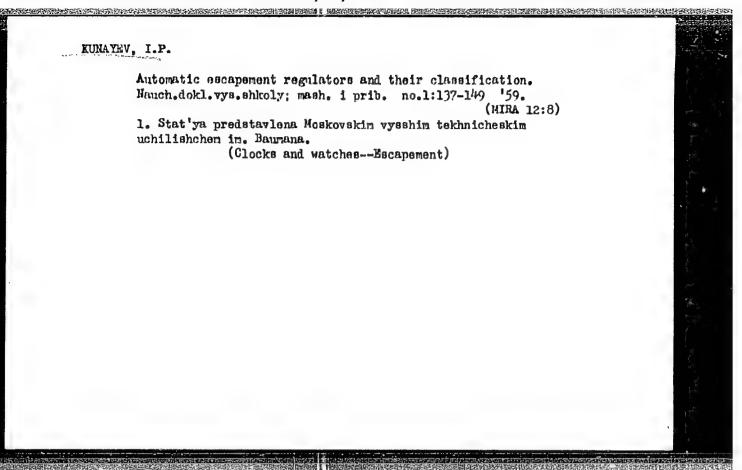
(Maybulak region (Kazakhatan)--Ore deposits)



BELYAKOV, Ivan Semenovich; KUNAYEV, I., kandidat tekhnicheskikh nsuk, retsenzent; ROMANOV, A.D., inzhener, retsenzent; BOGDANOV, Yu.M., kandidat tekhnicheskikh nsuk, redsktor; MATVEYEVA, Ye.N., tekhnicheskiy redsktor; Elikind, v.D., tekhnicheskiy redsktor

[Clockworks] Chasovye mekhanizmy. Moskva, Gos.nauchno-tekhn.
izd-vo mashinostroit.lit-ry, 1957. 335 p. (MIRA 10:8)

(Clockmaking and watchmaking)



SOV/146-2-5-14/19 24(6) Kunayev, I.P., Candidate of Technical Sciences; AUTHOR: Saratov, Yu.S., Engineer Measuring the Inertia Moments of Small Parts by TITLE: the Method of Free Oscillations in a Mechanical System Izvestiya vysshikh uchebnykh zavedeniy, Priboro-PERIODICAL: stroyeniye, 1959, Nr 5, pp 91 - 98 (USSR) The authors describe the design and performance ABSTRACT: of a device (Figure 1) used for determining the inertia moments of small parts. The device was developed by Engineer B.V. Shitikov. The measuring method is based on the principle of free oscillations in a mechanical system. It is assumed that the system has one degree of freedom, performs oscillations according to the linear law, and that there is no friction. An electrical attachment (Figure 3) for the device was developed Card 1/2 and is used at the MVTU imeni Baumana to time

SOV/146-2-5-14/19

Measuring the Inertia Moments of Small Parts by the Method of Free Oscillations in a Mechanical System

> 5, 10, and 15 oscillations by means of a "PV-52" 28 electrical seconds-counter with a scale division of 0.01 of a second. The article was recommended by the Kafedra M-5 (The M-5 Chair). There are 2 diagrams, 1 table, 1 graph, and 3 Soviet references.

ASSOCIATION: Moskovskoye Ordena Lenina i Ordena trudovogo krasnogo znameni vyssheye tekhnicheskoye uchilishche imeni N.E. Baumanna (The Moscow School of Higher

Technical Education imeni N.E. Baumann, Order of

Lenin and the Red Labor Banner)

SUBMITTED:

September 11, 1959

Card 2/2

28366 \$/124/61/000/008/003/042 A001/A101

13,2510

AUTHOR:

Kunayev, I.P.

TITLE:

The calculation of a free oscillating system "balance-straight. spring", with allowance for its rotation with a constant angular

velocity

PERIODICAL: Referativnyy zhurnal. Mekhanika, no. 8, 1961, 12, abstract 8A117 (V sb. "Raschety detaley i mekhanizmov tochn. priborov". Moscow,

Mashgiz, 1960, 50 - 81)

The author calculates the period of oscillations in the balance -TEXT: spring system used in trigger regulators of clock mechanisms in some types of remote-operating blasters. The calculation of small natural oscillations of the system is performed on assumption that the system is conservative, has one degree of freedom, and is located in a flying rotating missile, due to which circumstance the necessity arises of allowance for the centrifugal force affecting the oscillation system. The rigorous solution of the problem is obtained under certain idealized conditions. This solution is compared with the

Card 1/2

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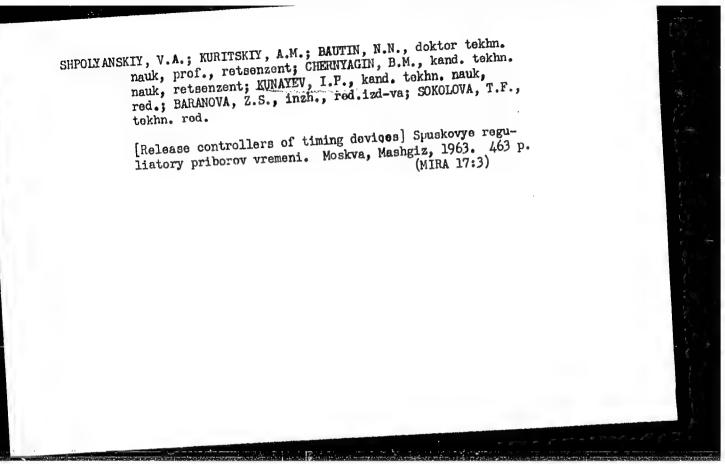
A001/A101

The calculation of a free oscillating system ...

approximate solution derived by the Rayleigh method. It is shown on a particular example that the Rayleigh method permits determination of the oscillation lar example that the Rayleigh method permits determination of the oscillation are recorded for a rotating system, balance - straight spring, with an error of less period for a rotating system, balance - straight spring.

S. Zhevakin

[Abstracter's note: Complete translation]



KUNAYEV, I.V.; RUSS, V.V.

Some characteristics of the metallogeny of the Sikhote-Alin'
Range and the Amur Valley. Sov. geol. 7 no.7:103-111 J1 '64.

(MIRA 17:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.

BABIN, Pavel Nikolayevich, kand.tekhn.nauk; ZURAKOV, Sergey Mikhaylovich, kand.tekhn.nauk; AVER*IANOV, Veniamin Aleksandrovich, inzh.; VASHCHENKO, Fedor Il*ich, starshiy master; KUNAYEV, Vyachaslav Gayrilovich; KPOV, Georgiy Agafonovich, inzh.; EYCHKOV, Fedor Nikolayevich; DANIL*CHENKO, Mikhail Pavlovich; GOTS, Stepan Hikolayevich; ZHUKOVA, N.D., red.; ALFEROVA, P.F., tekhn.red.

人口表示人名的自己的形式 计对话多数图形图图 电影图片的复数形式 医自己性神经炎

[Work practices of the Kazakh Steel Mill] Iz opyta raboty Kazakhakogo metallurgicheskogo zavoda. Alma-Ata, Izd-vo Akad. nauk Kazakhakoi SSR, 1960. 112 p. (MIRA 13:12)

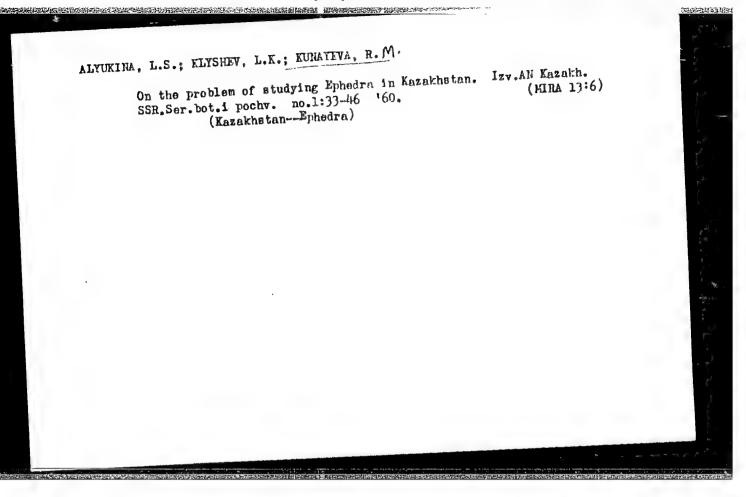
1. TSentral naya laboratoriya Kazakhakogo metallurgicheskogo zavoda (for Kunayev). 2. Nachal nik martenovskogo tsekha Kazakhakogo metallurgicheskogo zavoda (for Epov). 3. Inzhenerno-tekhni-cheskiye rabotniki prokatnogo tsekha Kazakhakogo metallurgicheskogo zavoda (for Bychkov, Danil chenko, Gots).

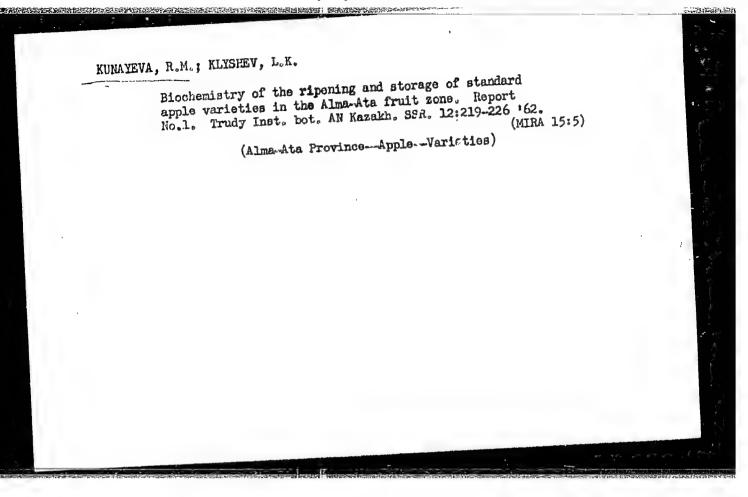
(Kazakhatan-Steel industry)

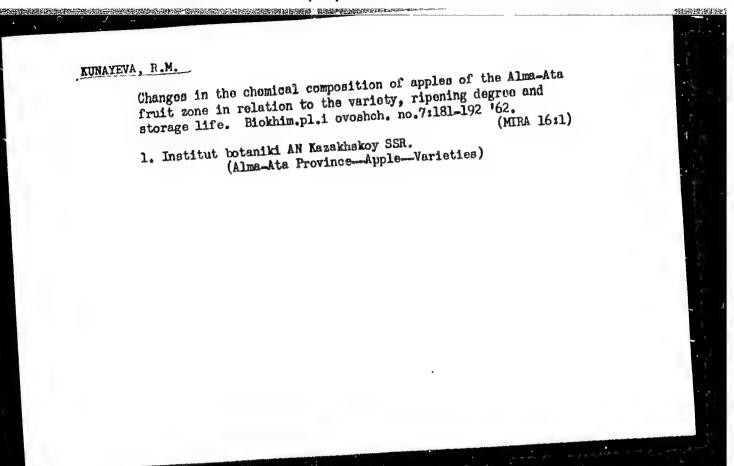
SHUGOL', M.B.; KUNAYEV, V.G.; DUNETS, A.M.; BABIN, P.N.; SHCHEGLOV, A.G.

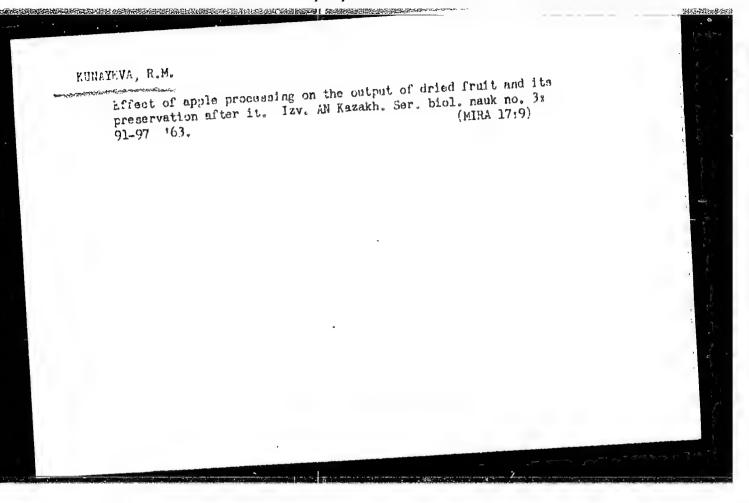
Service of open-hearth furnace checkerwork. Ogneupory 29 no.7:313-317 164. (MIRA 18:1)

1. Kazakhskiy metallurgicheskiy zavod (for Shugol, Kunayev, Dunets). 2. Institut metallurgii i obogashcheniya AN KazSSR (for Babin, Shcheglov).









An apparatus for investigation the ignition of solid fuer. c. 5.

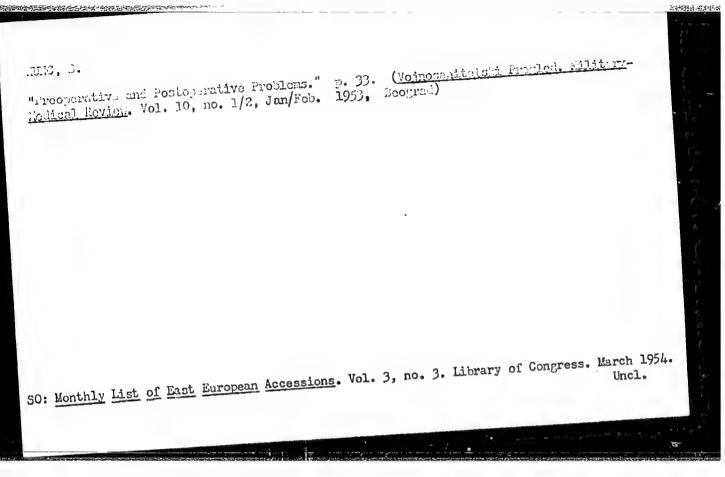
An apparatus for investigation the ignition of solid fuer. c. 5.

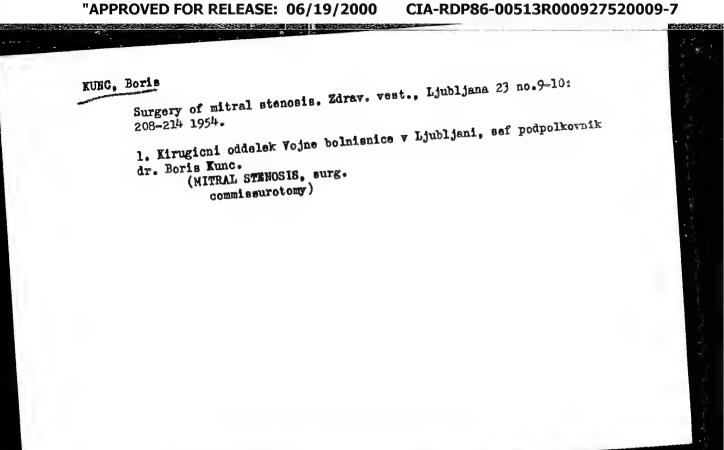
PMACHE. Ustav pro vyzkum a vyuziti soliv. PLACE. Praha. No. C,

1954.

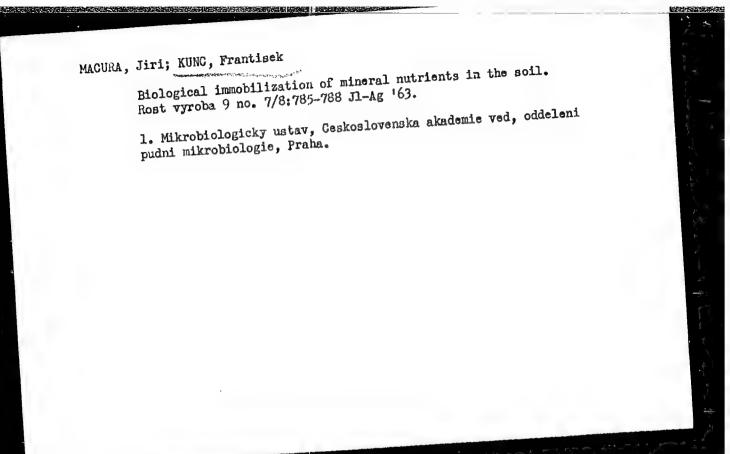
SCURCE: East European Accessions List, (EMAL), Library of Compress,

Vol. 5, no. 12, December 1976.



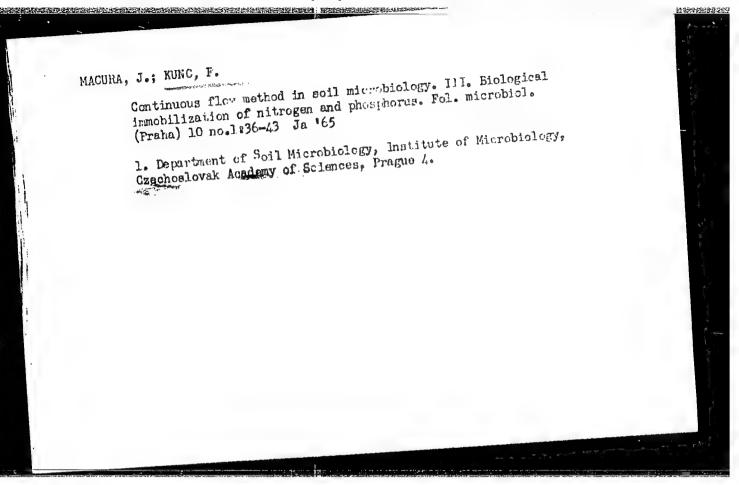


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CIA-RDP86-00513R000927520009-7" APPROVED FOR RELEASE: 06/19/2000

MACURA, J.; SZOINIK?, J.; KUNC, F.; VANCURA, V.; EABICKY, A.

Decomposition of glucose continuously added to soil. Fol.
microbiol. (Prahr.) 10 no.1:44-54. Ja ' 65

1. Department of Soil Microbiology, Institute of Microbiology and Radioisotope Research Laboratories, Czechoslovak Academy of Sciences, Prague 4.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927520009-7

7 6915-66 EMT(1)/EWA(1)/EWA(b)-2 JK

ACCESSION NR: AP5013804

AUTHOR: Macura, J. (Matsura, Yu.); Kunc, F. (Kunts, F.)

TITLE: Continuous-flow method in soil microbiology: IV. Decomposition of glycine

SOURCE: Folia microbiologica, v. 10, no. 2, 1965, 115-124

TOPIC TAGS: soil, microbiology, continuous-flow method, nitrogen amino acid, nitrate, nitrite, glycine, ammonification, nitrification, ammonia, oxidation

ABSTRACT: The decomposition of glyc'ne was studied in soil by the continuous flow method. Glycine solution was added continuous at the rate of 50-60 ml/24 hours to soil samples of different weights, (10, 20, 30, and 50 g) and therefore of different column heights, to permit differentiation of the course of the individual processes in various layers of a soil column. The degree of glycine mineralization was found to be dependent on the weight of the soil. It was nitrified most efficiently in the 30 g soil sample in which two-thirds of the added glycine nitrogen was oxidized to nitrites and nitrates. No equilibrium was noted between the rate of nitrite and nitrate formation. The latter rose at first in relation to the weight of the soil, but fell after reaching a maximum. The factor that limited the rate of

Card 1/2

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nitrification was the adsorption of ammonia nitrogen in the soil. A comparison of the results of the nitrification or continuously added glycine provided an approximate idea of the site of the individual phases of the glycine conversion process in . the various soil layers. About one-third of the added glycine nitrogen was adsorbed in the first 10 g of soil, with more than one-half released in the form of ammonia. Thus, more than 90% of the added glycine was mineralized in the top layer. The authors concluded that the course of the microbiological processes during the decomposition of organic matter as a continuour system depends on whether the substrate is taken up from the solution by cells adsorbed on a structural aggregate or whether the cells take up the substrate adsorbed on the soil. Moreover, the relationship between the individual phases of the decomposition process can be influenced by choosing soil columns of different heights. Ori , art. has: 10 figures, 1 table.

ASSOCIATION: Department of Soil Microbiology, Institute of Microbiology, Czechoslovak Academy of Sciences, Prague

SUBMITTED: 30Jun64

ENCL: 00

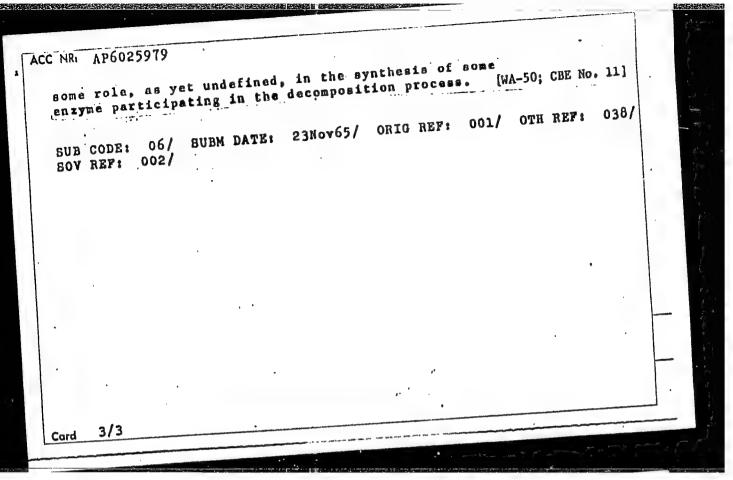
SUR CODE: LS

HO REF SOV: 001

CIA-RDP86-00513R000927520009-7 "APPROVED FOR RELEASE: 06/19/2000

BOURCE CODE: CZ/0064/66/011/004/02-07/07/50 ACC NRI AP6025979 · AUTHOR: Kunc, F.; Macura, J. ORG: Department of Soil Microbiology, Institute of Microbiology, Czechoslovak Academy of Sciences, Prague TITLE: Oxidation of aromatic compounds in soil SOURCE: Folia microbiologica, v. 11, no. 4, 1966, 248-256 soil microbiology, aromatic compound, organic compound, TOPIC TAGS: oxygen consumption, SOIL CHEMISTRY The metabolism of p-hydroxybenzoic acid, quinic acid, vanillin, and cumarin in soil by a mixed microbial population was studied, as well as oxidation in soil preincubated with aromatic aubstrate and glucose. Oxygen consumption was studied by the direct Warburg manometric technique. Soil preincubated with glucose was incubated in an electro-. lytic respirometer. Figs. 1 and 2 show cumulative oxygen consumption and rates of oxygen consumption by the samples. Quinic acid was oxidized most rapidly, while cumarin had had the longest lag phase (see Fig. 1). After 72 hr the 1/3 Card

total amount of oxygen needed for complete oxidation of the ACC NR: AP6025979 substrate had been consumed. Figs. 3A, 3B, 4, 5, and 6 show oxygen consumption of substrates incubated with water, phydroxybenzoic acid water, quinic acid, vanillin or cumarin, respectively. From the tables one can see that the second dose of the same substrate was oxidized more rapidly. Oxygen consumption was greater in samples which had been preincubated with glucose, with a shortened or absent lag phase. Metabolism of aromatic compounds has previously been discussed and studied only in connection with decomposition of lignin and decomposition or synthesis of humins and in pure microbial cultures. The presence of several peaks in oxygen consumption rate curves may indicate successive oxidation of intermediate products and possibly simultaneous succession of different groups of microorganisms adapted to utilizing such compounds. Temporary decreases in oxygen consumption are possibly the results of the formation of an intermediary decomposition product that inhibits microflora. It is known that glucose acts as a carbon source for RNA macromolecules and, in the case of its stimulation of humic acid decomposition, plays Card 2/3



cz/0064/66/011/004/0248/0256

CZECHOSLOVAKIA

AUTHOR: Kunc, F.; Macura, J. Department of Soil Microbiology, Institute of Microbiology, Czechoslovak Academy of Sciences, Prague

TITLE: Oxidation of aromatic compounds in soil

SOURCE: Folia microbiologica, v. 11, no. 4, 1966, 248-256 soil microbiology, aromatic compound, organic compound,

TOPIC TAGS: oxygen consumption, soil chemistry

The metabolism of p-hydroxybenzoic acid, quinic acid, vanillin, and cumarin in soil by a mixed microbial population was studied, as well as oxidation in soil preincubated with aromatic substrate and glucose. Oxygen consumption was studied by the direct Warburg manometric technique. Soil preincubated with glucose was incubated in an electrolytic respirometer. Figs. 1 and 2 show cumulative oxygen consumption and rates of oxygen consumption by the samples. Quinic acid was oxidized most rapidly, while cumarin had had the longest lag phase (see Fig. 1). After 72 hr the 1/2

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CIA-RDP86-00513R000927520009-7

KUNC, F.

Likus, the new construction board, a product of Czechoslovak industry. p. 33 (Czechoslovak Heavy industry. no. 2,1957) Prague

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6 no. 7 July 1957. Uncl.

KUNC, J.

The work of a collective-farm agronomist. p. 12. (ROLNICKE HLASY, Vol. 10, No. 7, July 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

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KUNC, J.		
"Planned Maintenance of Motor Vehicles." p.58 "Planned Maintenance of Motor Vehicles." Trans. from the Russian.	(To	
"Planned Maintenance of Motor Vehicles." p.58 "Experiences of the Stakhanovite Driver E. Titov." Trans. from the Russian. be contd.) p.62 (Svet Motoru, Vol. 7, no. 138, Jan. 1953, Traha)	*	
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	1953, Uncl.	
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KUNC, J.

"First And Second Grade Technical Examinations in the Maintenance of Automotive Vehicles Organized According to the Plan." p. 88
"A Winter Propaganda Trip in the Far East." Trans. from the Russian. p. 91
"Experiences of the Stakhanovite Driver E. Titov." Trans. from the Russian. (To "Experiences of the Stakhanovite Driver E. Titov." Trans. from the Russian. (To be contd.) p. 92 (Svet. Motoru, Vol. 7, no. 139, Feb. 1953, Praha)

So: Monthly List of East European Vol. 3, No. 3

East European Vol. 3, No. 3

March

1954 1966, Uncl.

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CIA-RDP86-00513R000927520009-7

KUNC, Josef

Ucebnice ridice amatera, Konstrukce osobnich automobilu - Technika jizdy - Odpovednost z provozu. (Textbook for Amateur Automobile Drivers; Design of Passenger Automobiles; Driving Technique; Traffic desponsibilities. 3d ed. illus.) Prague, NV, 1955 / correct: 1956/ 268 p. Vol. 3 of the series Vycvikova kniznice ridicu (Series on the Training of Drivers)

A textbook for the basic training of amateur drivers of passenger automobiles as well as for advanced drivers. Basic information on the lesign of passenger automobiles, i.e., their composition, functioning of their parts, maintenance, and general principles and technique of driving. Included is also information on the safety in operating passenger cars, on liabilities, and liability insurance.

Bibliograficky katalog, CSR, Ceske knihy, No. 30. 3 Sent 57. p. 655.

24291 Z/032/61/011/009/001/009 E073/E535

10.7000 AUTHORS:

Kunc, J., Engineer and Placak, V., Docent Engineer

Doctor

TITLE: Stresses and strains in a shell in the membrane state

PERIODICAL: Strojírenství, 1961, Vol.11, No.9, pp.651-668

TEXT: Almost half of all the equipment produced by the chemical engineering industry consists of shells made up from combinations of geometrical shapes, e.g. cylinders, cones, spheres etc. The shells are vessels and tubes of large diameters, mostly fabricated by welding from sheet of various thickness and of various materials. Reliable design cannot be obtained applying empirical or simple formulæ and it is necessary to apply methods of calculation which are based on the well proved theory of shells. The authors limit themselves to strength calculations of shells which are most frequently used in chemical engineering, i.e. shells of constant thickness which are rotationally symmetrical, both in shape and load. The calculations are based on the following assumptions: a) normal stresses in the direction of the z-axis are negligibly small compared to the stresses in

Card 1/3

Stresses and strains in a shell . . .

· 内部中华特别的人名英格兰 (1997年) [1997]

24291 2/032/61/011/009/001/009 E073/E535

the direction of the x and y-axes; b) points which prior to deformation are located on the normal of the central area will be located after deformation on the normal of the deformed central area. Seven equations are derived which determine the relations between all the components of the internal forces, deformations and displacement of the individual points. These are based on: 1) the conditions of equilibrium; 2) the conditions of deformation The derived general conditions are then applied for solving various problems of loading of (geometric and elastostatic). shells of the main geometrical shapes which occur in chemical The results are summarized in the form of tables, where the membrane forces and the strain values are given for practical calculations. The tables (12 printed pages) contain sketches and formulae for shells of various shapes and various loading conditions, including the following: hemispherical, supported or suspended (closed or open); spherical with internal pressure; spherical with external pressure; spherical with hydrostatic loading; triangular under various conditions of loading and supporting and cylindrical. There are 6 figures,

Card 2/3

24291

Stresses and strains in a shell ... Z/032/61/011/009/001/009 E073/E535

6 tables and 4 references: 1 Soviet and 3 non-Soviet. The one reference to an English language publication reads as follows: 5. Timoshenko, S.: Theory of Plates and Shells, McGraw-Hill Book Comp., New York 1936.

ASSOCIATION:

Výzkumný ústav Královopolské strojírny, Praha (Research Institute of the Králove Pole Engineering Works, Prague)

Card 3/3

27232

24 4200

2/032/61/011/010/002/007 E197/E135

Kunc, J., Engineer, and AUTHORS:

Placak, V., Docent, Doctor of Engineering

Bending stresses and strains of shells

BROOKS THE THE PROPERTY OF THE

TITLE: PERIODICAL: Strojirenství, Vol.11, No.10, 1961, pp.731-746

The article is a continuation of previous work published in Strojirenstvi No.9, 1961, pp.651-668, and deals with stresses and strains of thin shells of various shapes due to bending moments. Both the design and the actual assembly of a shell will normally cause departure from ideal conditions and the bending moments so induced will cause either local or overall stresses and strains, which may be many times greater than those due to other forces or loads. In applying the general theory to shells of specific shapes, the authors consider a small element, assume the element to be part of a rotational symmetric body stressed in a rotational symmetric fashion, and derive the three conditions for the equilibrium of forces and moments in the three directions in space. Assuming further a linear distribution of stress across the wall thickness and a uniform wall thickness for Card 1/2

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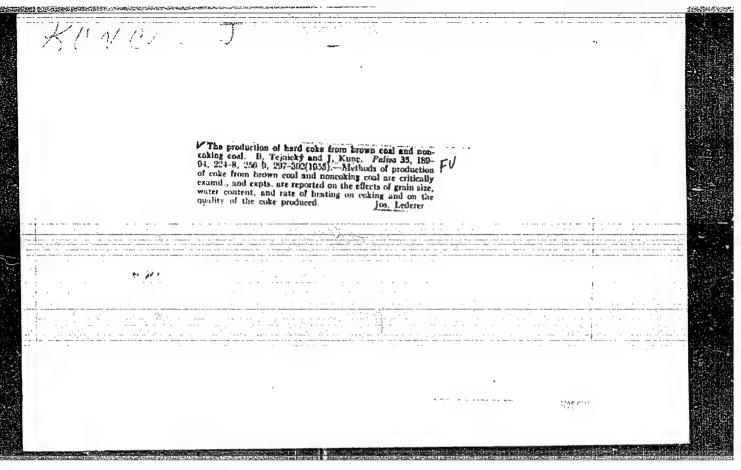
27232

Bending stresses and strains of Z/032/61/011/010/002/007 E197/E135

the whole shell, as well as a linear dependence of deformation on stress, the authors derive 5 conditions from the geometry of deformations and 4 from the elastic properties of the material. There are altogether 12 equations for 12 unknowns, which were solved and tabulated to give the stresses in axial and circumferential direction; the elongation of radii and several angles of rotation for the following shapes: spherical shell, cone, truncated cone, tall vertical cylinder, short vertical cylinder, and long horizontal cylinder, in each case for a number of boundary conditions. There are approximately 200 formulae in all. There are 4 figures and 4 references: 1 Soviet-bloc and 3 non-Soviet-bloc. The English language reference reads: Ref. 3: S. Timosenko. Theory of Plates and Shells. McGraw-Hill Book Co., New York 1936.

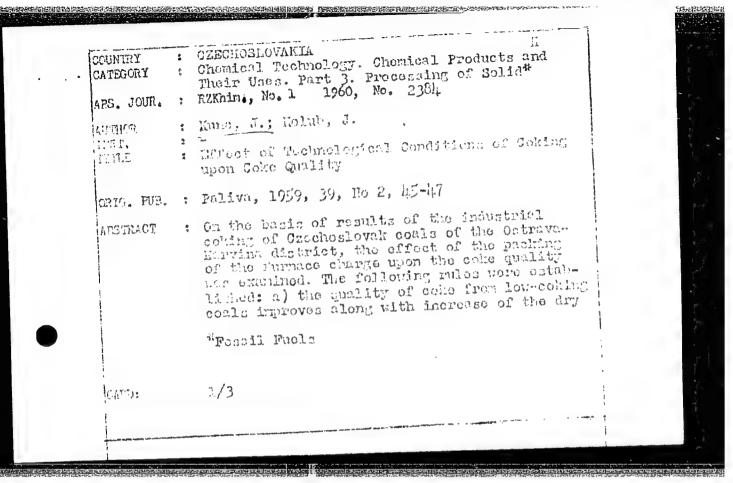
ASSOCIATION: Výzkumný ústav Královopolské strojírny, Praha (Research Institute of the Kralovo Pole Engineering Works, Prague)

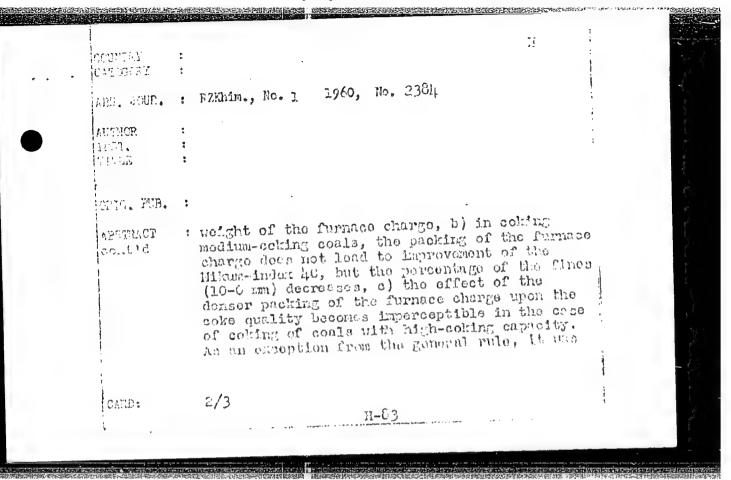
Card 2/2

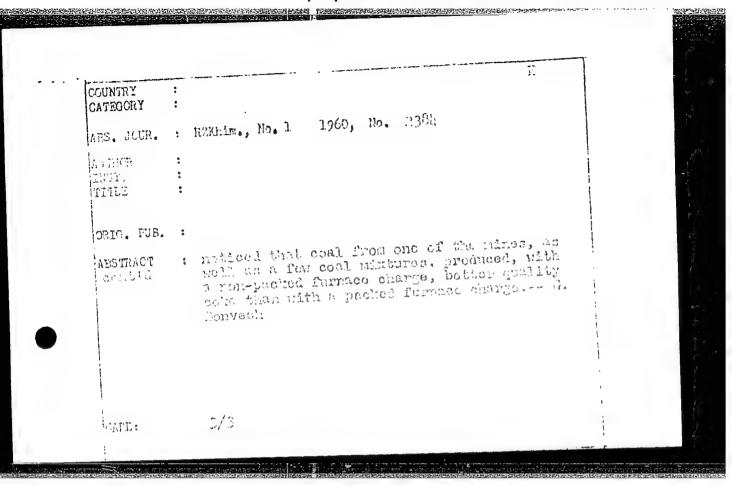


H-22 : Czechoslovakia COUNTRY CHTAGORY 1959, No. 87856 : REKhim., No. ABS. JOUR. : Kunc, J.; Holub, J. AUTHOR : Effect of Technological Conditions of Coking THST. on Quality of Coke. Effect of Moisture TITLE Content. : Paliva, 1958, 38, No 12, 405-409 ORIG. PUB. : Theoretical considerations concerning the role of water in the coking process, and an experimental study of the effect of water-content of 4-16%, in coal (C) of different degree of metamorphism, on quality of coke obtained therefrom under pilot-plant conditions. It was found that on use of readily coking C, having a sufficiently wide plactic-state range, variations in water content have practically no effect on quality of coke. Slight changes are caused by variations in charge-density and coking rate. Increase of water content in poorly coking C results in deterioration of coke quality due to decrease of plastic range. -- Ya. Satumovskiy. CARD: 226

KUNC, H-22 : Czechoslovakia COUNTRY CATEGORY 58407 ABS. JOUR. : RZKhim., No. 16 1959, No. 🕝 jamo, đ. and .club, đ. 1.7.100 : Not given INST. : Effect of Coking Process Variables on Coke Quality TITLE Effect of Coking Time and Rate of Heating ORIG. PUB. : Paliva, 39, No 1, 6-8 (1959) : The author presents the results obtained in ARGI RACT plant-scale tests in which five types of Czech coking coals were used. It is shown that an increase in the coking time and a decrease in the rate of heating, achieved by lowering the flue temperature, result in a certain improvement of coke quality. 1/1 CARD:



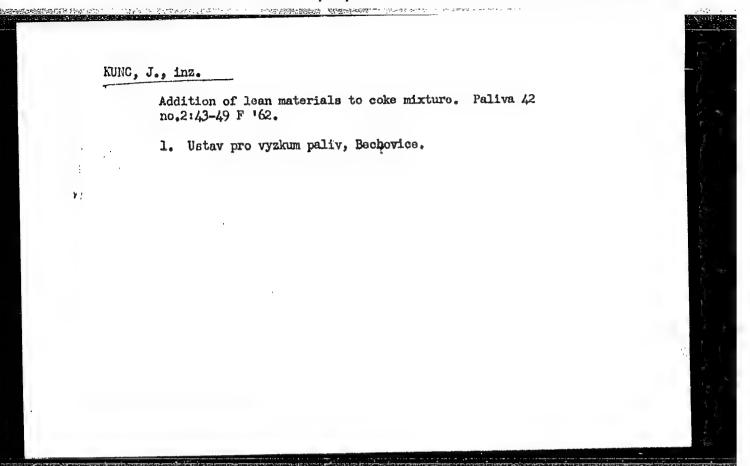


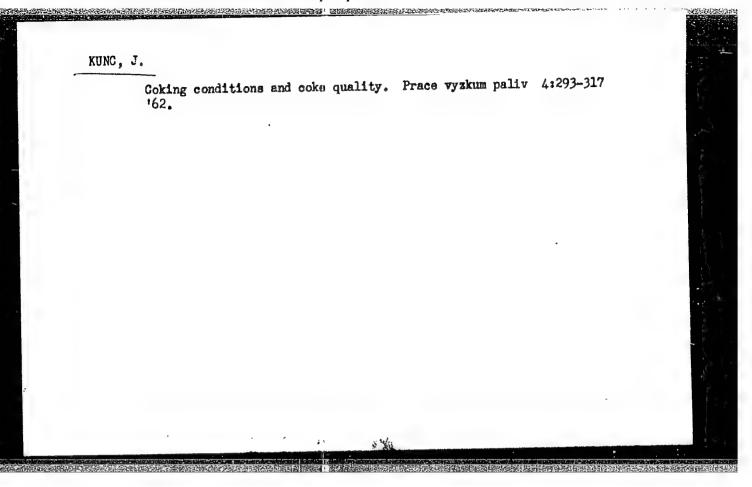


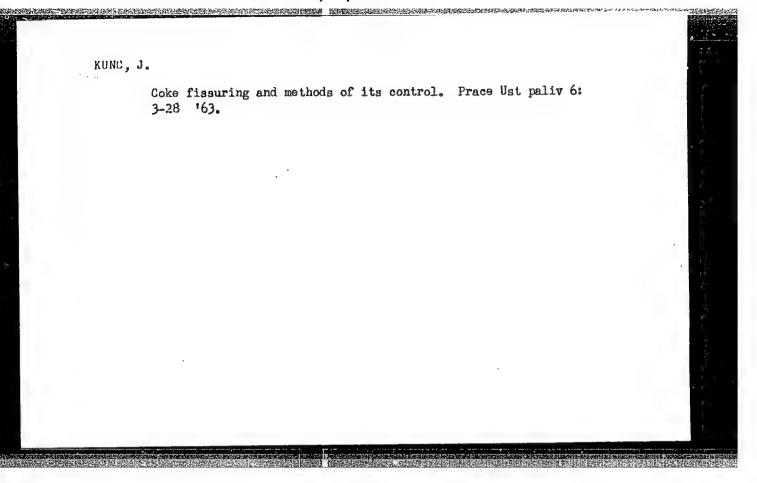
KUNC, J., inz.

Dependance of the fissuring of coke produced with loose or stamped charge on the properties of coking coal. Paliva 41 no.12:365-359

1. Ustav pro vyzkum paliv, Bechovice.







KUNC, J., inz.

Problem of protecting coking coal from freezing. Paliva 44 no.1:6-8 Ja'64.

1. Ustav pro vyzkum paliv, Bechovice.

L 36171-66 T/EWP(t)/ETI IJP(c) JD ACC NR: AP6018077 SOURCE CODE: CZ/0055/65/015/012/0883/-895	enterior.
AUTHOR: Kunc, K.	
ORG: Faculty of science, G. E. Purkyne University, Brno.	
TITLE: Localized vibrations of point defects in body-centered cubic .	
SOURCE: Chekhoslovatskiy fizicheskiy zhurnal, v. 15, no. 12, 1965.	
883-895 TOPIC TAGS: localized frequency, body-centered cubic lattice, group theory, Green function/LGP-30 computer	
ABSTRACT: The paper gives an exact calculation with the Green function of the localized frequencies of substitutional defects in a body-centered cubic lattice and compares this with the approximate calculation carried out in another paper by Litzman and Cely [Litzman 0.; tion carried out in another paper by Litzman and Cely [Litzman is Cely J.: Czech. J. Phys. Bll (1961), 320]. The exact calculation is based on a newly computed Green's function for a body-centered cubic lattice presented in an earlier paper by the author [Kunc, K.; lattice presented in an earlier paper by the author [Kunc, J.; Publ. Fac. Sci. Univ. J. E. Purkyne, (to be published)].	
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It is shown that by using the group theory, the symmetry of the system can be used in an approximate as well as in an exact calculation. Some symmetrical relations in the Green's function are derived which limit the number of functions necessary for numerical calculation. In this paper, the author covers in detail approximate calculation of localized frequencies, exact calculation of localized frequencies, and localized frequencies, exact calculation of localized frequencies, and numerical results. The author thanks Dr. O. Litzman for suggesting this work and for his continued interest during its progress. He also thanks the personnel of the Computer Laboratory of the Technical College in Brno for making the LGP-30 computer available for calculations. Orig. art. has: 7 figures, 12 formulas, and 2 tables. [GC]

SUB CODE: 09, 12/ SUBM DATE: 29Apr65/ ORIG REF: 004/ OTH REF: 017/ SOV REF: 005

Cord 2/2/1/1/

KUNG, KAREL

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: [not given]

Affiliation:

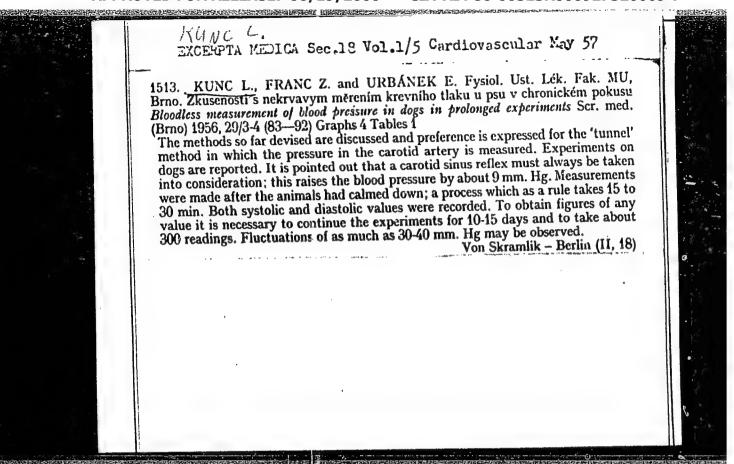
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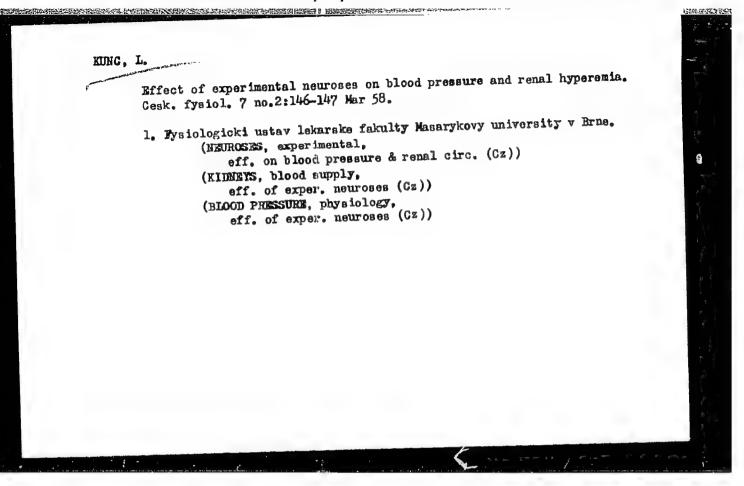
Source: Prague, Sbornik Ceskoslovenske Spolecnosti wemepisne, Vol 66, No 4, 61, pp 305-325.

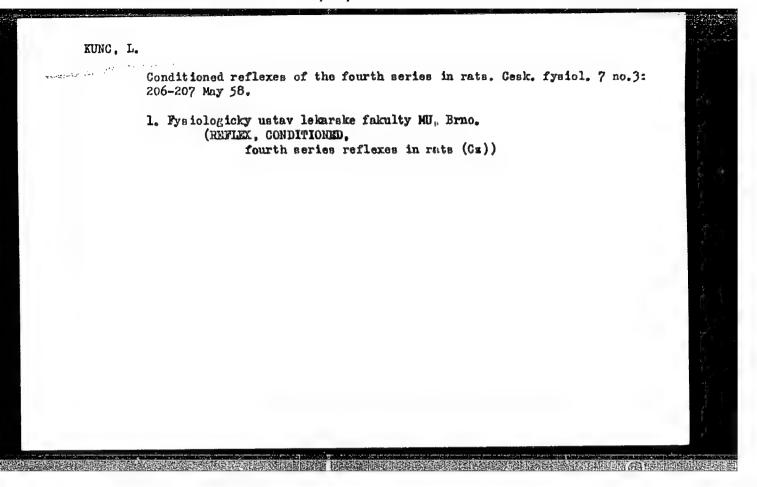
Data: "Udemorphology of the Valleys of Small Tr butaries to the Vltava North of Prague."

Authors: KUNC, Karel MAJER, Jan

GPO 981643



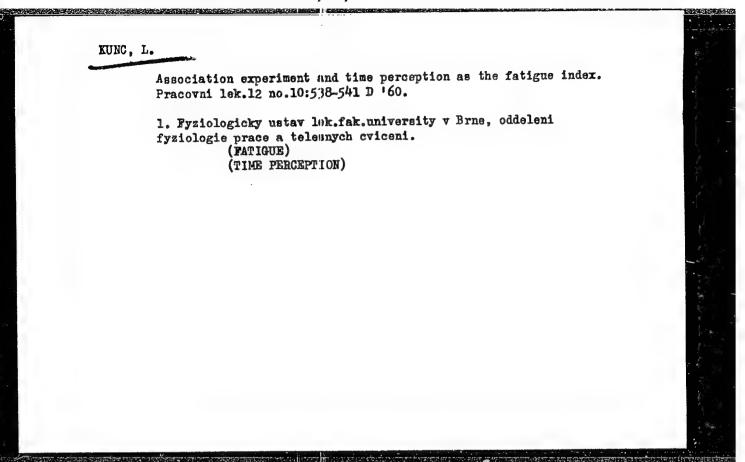




KUNC.L.

Changes in total and coronary hemodynamics in the hypotensive phase after the infusion of noradrenalin. Cesk.fysiol. 9 no.3: 256 - My 160.

1. Fysiologicky ustav lek. fak. MU, Brno.
(NOEEPIHEPHRING pharmacol)
(CORONARY VESSILS pharmacol)
(VASOMOTOR SYSTEM pharmacol)



KUNC, L.

Oscillation of the latency stage in association experiments. Activ. nerv. sup. 4 no.2:164-165 '62.

1. Fyziolog. ustav lekarske fakulty University J. Ev. Purkyne v Brne, odd. fyziolog. prace.

(REFLEX)

KUNC, L.; KUKLETA, M.

Functional asymmetry in the effect of w ilateral spreading depression in rats. Activ. nerv. sup. (Praha) 7 no.2: 163-164 '65

1. Institute of Industrial Hygiene and Occupational Diseases, Ostrava, Partyzanska, ; Physiological Institute, Medical Faculty, Brno. 2. L. Kunc's address: Ostrava, Partyzanska.

L 12954-66

ACC NR: AP6005654

SOURCE CODE: CZ/0079/65/007/002/0163/0164

AUTHOR: Kunc, L.: Kukleta, M.

II R

ORG: Institute of Industrial Hygiene and Occupational Diseases, Ostrava; Physiological Institute, Medical Faculty, Purkyne University, Brno

TITLE: Functional assymetry in the effect of unilateral spreading depression in rats [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 163-164

TOPIC TAGS: rat, brain, behavior pattern

ABSTRACT: Conditioned unilateral reflex to universal depression was studied in 88 rats. Rats with unilateral depression required a longer training for conditioned avoidance reaction than did the control rats. Extinction was more rapid; both right and left hemispheres showed an identical influence. Unilateral depression resulted in a drop of exploratory activity. Exclusion of the right hemisphere was more effective. The most variable components of higher nervous activity in rats are their orienting activity and capacity for orientation; the right hemisphere is the dominant one in this respect. APREY

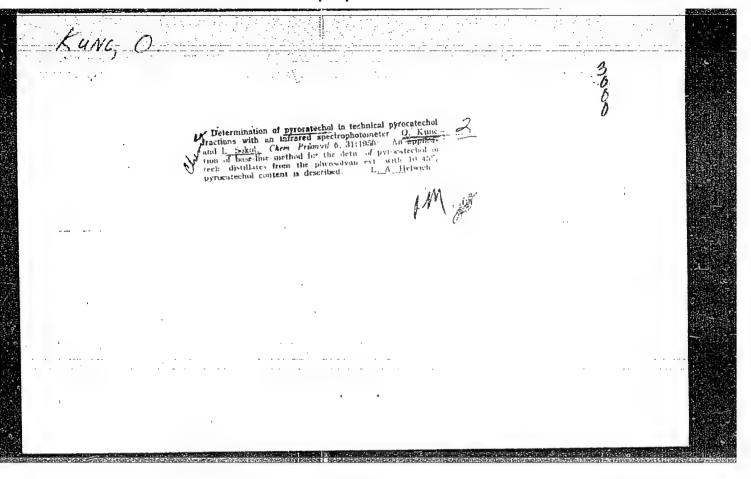
SUB CODE: 06, 05 / SUBM DATE: none / ORIG REF: 004

Card 1/1 HU

KUNC, Milivoj, dr.

Umbilical endometriesis. Lijecn. vjesm. 86 no.10:1235-1238 0 '64.

l. Iz Kirurske klinike Medicinskog fakulteta Sveucilista u Zagrebu.



KUNC, Pavel

YUGOSLAVIA / Chemical Technology, Chemical Products and H Their Application, Part 3. - Treatment of Natural Gases and Mineral Oil, Motor and

Rocket Fuel, Lubricants.

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 62263.

Author Pavel Kunc Not given.

Title : Diesel Motor Fuel.

为其形式的历史的政治的法理的现在分词以及以外的政治的共和国政治的主要的

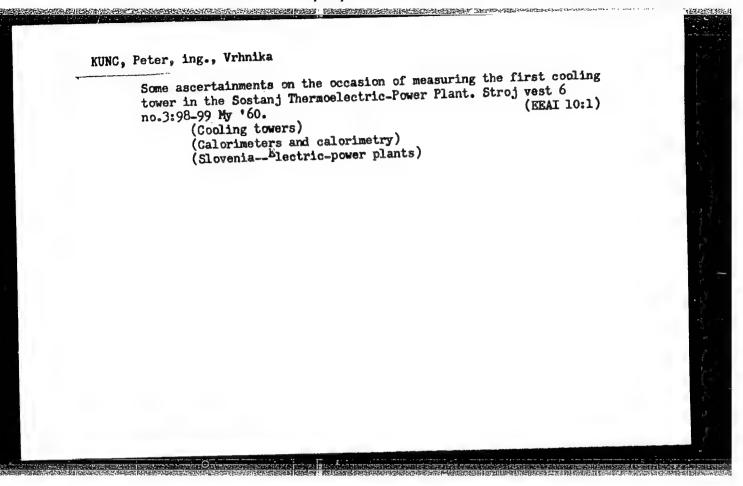
Orig Pub: Prometni vest., 1957, 10, No 9 - 10, 203 - 205.

Abstract: The fundamental physico-chemical properties of Diesal oils are discussed. See the for-

going report in RZhKhim, 1958, 19299.

Card 1/1

END



Tasks in the field of inventions and patents. p. 10h.

(Sbirka Vynalezu. Vol. 6, no. 5, May 1957. Praha, Czechoslovakia)

O: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

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KUNC, V.
"Sulfur Dioxide Left By A Train Passing Through A Tunnel" p. 137. (Priroda, Vol. 40, no. 4, Apr. 1953, Zagreb)

East European Vol. 3, no. 2,
SO: Monthly List of Screen Accessions, Library of Congress, February, 1954, uncl.

KUNC, V.

Mita Petrovic, eminent author, educator and scholar: our worthy chemist. KUNC, V. p. 405.

Vol. 20, no. 6, 1955 CLASNIK Beograd, Yugoslavia

So: Eastern Europea n Accession Vol. 5 No. 4 April 1956

計

NUNC, Vaclav, MUDr; RABOCH, Jan, MUDr; HYNIR, Josef, MUDr

Surgical therapy of male infertility. Rozhl.chir. 34 no.1-2:87-92
Feb '55.

1. Z urologickeho oddeleni fakultni nemocnice II v Praze II, Sokolska
37 (prednosta doc. MUDr Vaclav Paces). Ze Sezuologickeho ustavu
Karlovy university v Praze (prednosta prof. MUDr Josef Hynie)

(STERILITY, MALE, surgery

vascepididymoanastomosis)

EMUNC, V.; RABOCH, J.; ZAHCR, a.

Importance of testicular biopay, Hozhl, chir. 35 no.1:15-20 reb 56.

1. 2 urologickeho oscaleni fekultni neuconice v Praze II; prednostn:
dec. HUDr. V. Paces; me Semologickeho unturu Earlow university v
Praze; prednostn: most, MUDr J. Hynio; z II, natholog, anatom, unturu
Karlowy university; medno in: pref. HUDr V. Jodlicke.

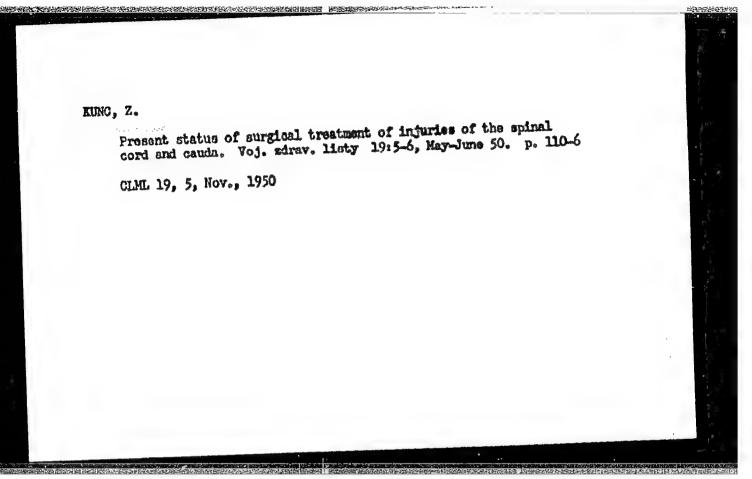
(THETES, pathol.
biopsy ()77)

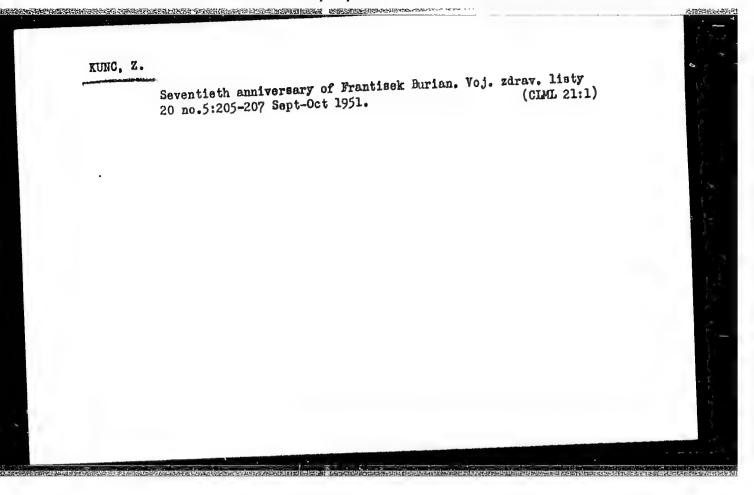
Problem of bleeding and blood coagulation in neurosurgical patients.
Acta univ. carol. [Med] Suppl. 15:63-69 '61.

1. I. chirurgicka klinika lekarske fakulty University Karlovy se sidlem v Plzni, prednosta doc. dr. K. Domansky.

(BLOOD COAGULATION) (NEUROSURGERY)

(HEMORRHAGE etiol)





BERANEK, R.; FANTIS, A.; KUNC, Z.

Posttraumatic spinal edema. Cesk. fysiol. 1 no.1:51-54 1952. (CIML 23:4)

1. Of the Physiological Department of Central Institute of Biology and of the Surgical Department of the Central Military Hospital in Prague. 2. Experimental edema.

BERANEK, R.; PANTIS, A.; KUNC, Z.

Posttraumatic edema of the spinal cord [with summary in German] Chekh.
fiziol. 1 no.1:59-65, 145 ~ (MLRA 6:12)

1. Tsentral'nyy institut biologii, Fiziologicheskoye otdeleniye, Praha.
(Spinal cord.-Diseases) (Edema)

Carotid-cavernous aneurysm with contralateral pulsating exophthalmos. Cesk. ofth. 10 no.1:30-36 Mr '54.

1. UVN, Fraha.

(FISTULA, ARTERIOVENOUS,

*carotid-cavernous, with contralateral exophthalmos)

(ARTERIES, CAROTID, fistula,

*carotid-cavernous, with contralateral exophthalmos)

(VEHNS, CRANIAL SINUSES, fistula,

*carotid-cavernous, with contralateral exophthalmos)

(MOPHITIALMOS,

*pulsating, with contralateral carotid-cavernous fistula)

KUNC, Zdanek

Intracranial hypotension. Neur. psychiat. cesk. 17 no.5:257-264 Oct 54.

1. Z chir. odd. ustredni vojenske nem. v Praze.

(BRAIN, diseases

hypotension, postop. In neurosurg., relation to edema)

(HYPOTRNSION

cerebral, postop. in neurosurg., relation to edema)

(BRAIN, diseases

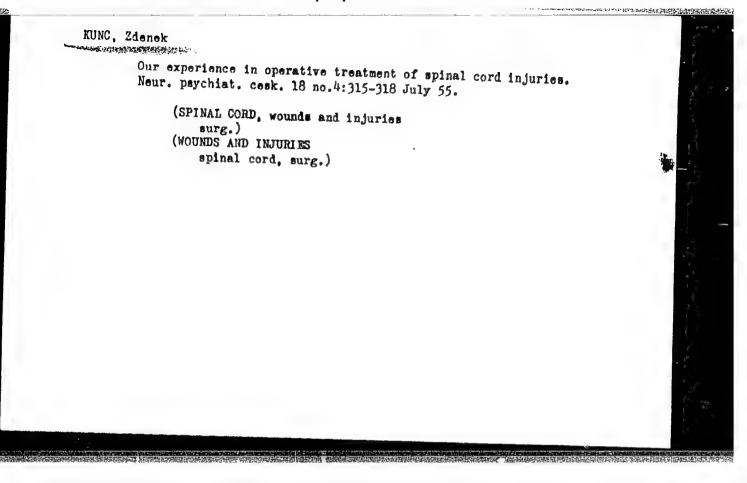
edema, caused by hypotension, postop. in neurosurg.)

(NEUROSURGERY, complications

postop. intracranial hypotension causing edema)

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KUNC, Zdenek, Doc. Dr

Advances in the fight against postoperative cerebral edema. Roshl.

chir. 34 no.4:211-221 Apr 155.

1. Z chirurgickeho oddeleni UVN v Praze
(BRAIN, diseases
edema, postop., prev., progr., review)
(EDEMA
brain, postop., prev., progr., review)
```

POLACEK, L.; KREJCI, O.; KUHC. Zd.

Third-degree vertical downward mystagaus due to basilar impression. Roshl.chir. 34 no.4:246-253 Apr 155.

l. Heurologicka klinika KU v Praze, prednosta akademik prof. Dr. Kamil Henner I. chirurgicke oddeleni UVN v Praze
(NYSTAGMUS

downward, vertical caused by basilar impression, surg.)
(OCCIPITAL BONE, abnormalities
basilar impression causing downward vertical nystagmus of
third degree, surg.)

SEDIVY, Joseph; KUNC, Zdenek

Shot wound of the heart with interruption of the anterior descendant branch of the left coronary artery. Gas.lek.cesk. 94 no.20:533-538

1. Z interoddel. UVN v Praze (for Sedivy). 2. Z chir. oddel. UVN v Praze (for Kunc).

(HEART, wounds and injuries,

gunshot would with interruption of anterior descendant branch of left coronary artery)

(HEART, blood supply,

coronary artery, traum, interruption of anterior descendant branch in gunshot wound)

(WOUNDS AND INJURIES,

gunshot of heart, with interruption of enterior descendant branch of coronary artery)

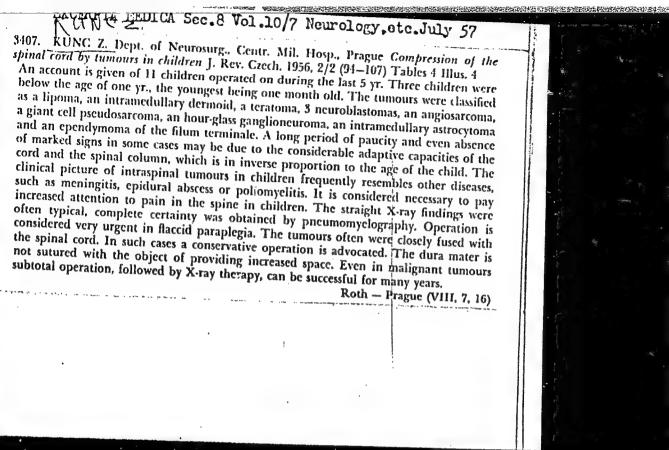
KUNC, Zd., Doc., MUDr.; STARY, O., Doc., MUDr.; SETLIK, L., MUDr.

Results of the surgical treatment of intervertebral disk displacement in view of evaluation of work capacity. Cas. lek. cesk. 94 no.44:1186-1189 28 Oct 55.

1. Z chirurgickeho oddeleni UVN, Praha, Z neurologicke kliniky Karlovy university, prednosta akademik K. Henner. Z neurologickeho oddel. UVN, Praha.

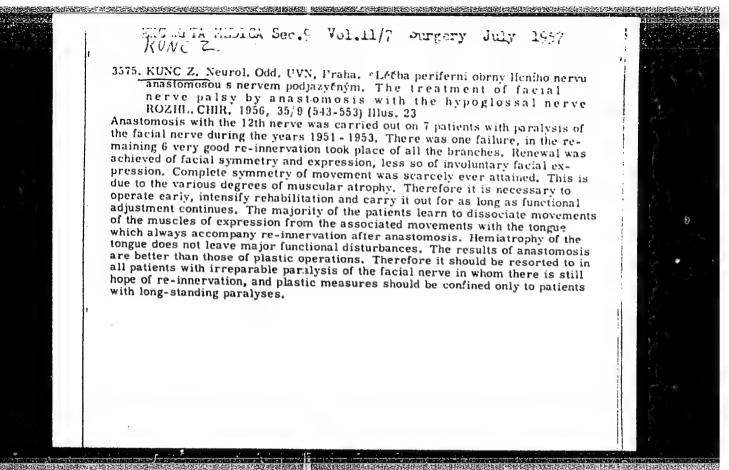
(INTERVERTEBRAL DISK DISPLACEMENT, surgery results, capacity to work.)

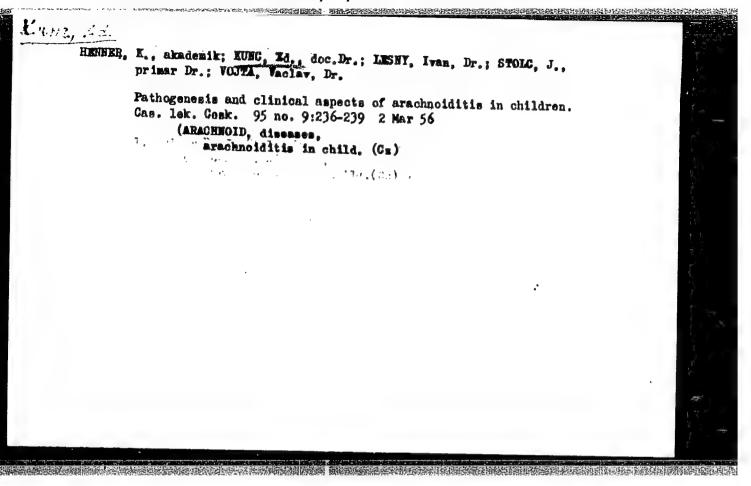
capacity, evaluation after surg. of intervertebral disk displacement.)



SVOBODA, Adolf, MUDr.; FRIED, Karel, MUDr.; KUNC, Zdenek, Doc., MUDr. Subdural arachnocele. Cesk. neur. 19 no.3:180~184 Aug 56.

1. Nervove oddeleni OUNZ v Kladne. -Roentgenologicke oddeleni OUNZ v Kladne. Neurochirurgicke oddeleni UNZ v Praze. (ARACHNOID, dis. arachnocele, subdural, diag. & surg. (Cz))





Spinal cord pressure from tumors in children. Cesk. pediat. 12 no.4:286-295 Apr 57. 1. Neurochirurgicke oddeleni UVN v Prase, nacelnik doc. Dr. 2d. Kunc. (SPINAL CORD, neoplasms in child. (CE))

XUNC, Zd., Doc., Dr.; LESNY, I., doc., Dr.; VITEK, J., prof., Dr.;

VOJTA, A. S.

Cisternostomy in the treatment of perinatal arachnoiditis with an oligophrenic syndrome. Cesk. neur. 20 no.1:2-7

Feb 57.

1. Neurologicka klinika Karlovy university, prednosta akademik Kamil Henner Neurochirurgicke oddeleni UVN v Praze.

(SUBARACHNOID SPACE

arachnoiditis, perinatal, with oligophrenia, surg., cisternostomy (Cz))

(MENTAL DEFICIENCY, eticl. & pathogen.

表品面部所含在1月2分间的现在分词外外线的图片的形式的多个形式的形式的图面图图 **医长线性**性原体性神经病性 CZECHOSLOVAKIA/Human and Animal Physiology - The Nervous System. : Ref Zhur Biol., No 3, 1959, 13217 Abs Jour Kunc, Zdenek : Association of Afferent Fibers of the Facial, Glosso-Author Pharyngeal, and Vagus Nerves with the Trigeminal Inst Title Nerve in the Spinal Tract Ceskosl, neurol., 1957, 20, No 4, 225-232 Orig Pub : In a study of sensitivity after tractotomy in 33 patients with neuralgia of the V nerve, it appeared that resection of the pathway of the 3rd ramus in Abstract the spinal tract was accompanied by impairment of sensitivity in the zones of innervation of the VII, IX, and X nerves. Resection of the 1st and 2nd ramus of the V nerve was not attended by impairment of sensitivity. Stimulation of the pathway of the 3rd ramus of the V nerve in the medioposterior part of the Card 1/2

KUNC, Z., Doc., Dr.

Operation on spondylolisthesis by fixation with Smith-Peterson nail. Acta chir. orthop. traum. cech. 24 no.3:188-195 May 57.

Neurochirurgicke oddeleni UVN v Praze.
 (SPONDIJOLISTHESIS, surg.
 transperitoneal fixation with Smith-Peterson nail, technic (Cz))

KUNI. EXCORPTA MEDICA Soc.9 Vol.12/4 Forgory 1931. (516) OPERATION ON SPONDYLOLISTHESIS BY FIXATION WITH A SMITH-PETERSON NAIL - Operace spondylolisthesy Smith-Petersonovým hřebem -Kunc Z. Neurochir, Odd. UVN, Praha - ACTA CHIR.ORTHOP.TRAUM. CECH. 1957, 34/3 (188-195) Illus. 8 Five patients with severe spondylolisthesis (L_5S_1) were operated upon by transperitoneal fixation with a Smith-Peterson null. Three patients had recurrent pain after a successful posterior fixation (Albee) carried out several years previously. The pains were of the sort experienced with severe lumbago or root syndrome. During operation particular care should be taken with the iliac vessels and inferior vena cava, and the direction and length of the nail must be precisely determined. Anterior osteosynthesis by nailing means that the direct fixation of the spondylolisthesis is anatomically exact, and does not needlessly traumatize other sections of the vertebral column. It is more rational, less traumatic and stressful than the other usual methods. Convalescence is shorter. It is appropriate only in severe cases. It may be assumed that the nail will assure a firm fixation. Three patients are quite without complaints, one other is distinctly improved. One patient is unimproved, due to a severe osteoporosis of the spine. No patient has had any episodes suggestive of impingement of the nail on the spinal cord. The results must be evaluated conservatively for the time being in view of the short follow-up period. والمراجون والمساور ووالما المامان المحاور والماما

KUNC, Zdenek; KUNCOVA, Zdenka

Spinal meningocele & meningomyeloceles. Cas. lek. cesk. 97 no.25: 769-775 20 June 58.

1. Neurochirurgicke oddeleni UVE v Praze. Detske oddeleni fakulni nolikliniky v Praze.

(SPINA BIFIDA, surg.

meningocele & spine bifida, indic. & technic (Cz))